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Now about those
non-orthogonal
timing errors...



And that recirculating
charge dispenser:

The next generation
of instrumentation
recorders is here...



See the Ampex FR-1900 MULTIBAND demonstrated at the INTERNATIONAL TELEMETERING CONFERENCE, Ambassador Hotel, Los Angeles, October 8-11, Ampex booths 106-107.

Now one recorder handles direct data from 50 Hz to 2 MHz and FM data from DC to 500 kHz.

Again from Ampex—the next generation. The Ampex FR-1900 MULTIBAND. A single recording system that meets the full spectrum of IRIG Direct and FM recording requirements and will adapt to future instrumentation needs.

One set of MULTIBAND electrically switchable electronics does the same job as three or more single purpose sets. Handles Direct bandwidths of 300 kHz, 600 kHz, 1.5 MHz, and 2.0 MHz—FM bandwidths from DC to 20 kHz, 40 kHz, 80 kHz, 400 kHz, and 500 kHz.

Other “new generation” features of the new

Ampex FR-1900 MULTIBAND: a unique zero loop transport that keeps Non-Orthogonal Timing Errors (NTE) to a minimum. A Recirculating Charge Dispenser which improves FM demodulator performance. A new exclusive integral calibration feature, Ampex INTRA-CAL—set it for one speed and all speeds are calibrated. A range of seven speeds, all electrically switchable. An MTBF calculated at 1,000 hours minimum, per MIL Handbook 217. The modular building block design of the FR-1900 keeps initial cost low, yet lets you expand later to meet changing requirements without having to buy another recorder.

Delivery? The Ampex FR-1900 MULTIBAND instrumentation recorder is ready to simplify your existence *right now*.

Call your local Ampex office today or phone Thom Harleman at our world headquarters (415) 367-3821, or write him at 401 Broadway, Redwood City, California 94063.

THE AMPEX FR-1900 MULTIBAND RECORDER

AMPEX

